

AUTHOR: Sokolovskiy, L., Engineer

29-58-5-8/26

TITLE: Zirconium  
(Tsirkon)

PERIODICAL: Tekhnika Molodezhi, 1958, , Nr 5, pp. 11  
(USSR)

ABSTRACT: Of late, zirconium sand is used in foundries instead of quartz sand. The greatest advantage of this material are its fine grains and in the homogeneity of the grains. According to their form, zirconium grains are similar to a rectangular, slightly extended and rounded prism. Zirconium is more refractory than quartz (zirconium- $1750^{\circ}$ , quartz- $1680^{\circ}$ ). Its coefficient of expansion at high temperatures is negligibly small and its specific weight is almost twice that of quartz sand. As zirconium sand in the case of heating is not subject to any changes in circumference it is impossible that the grains become cracky in production, even under extreme conditions. This is of great importance in producing important casts. The great weight of zirconium makes it possible to apply a tight mix-

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Zirconium

29-58 -5-8/26

ture around a model of complicated shape. Thus they obtain smooth surfaces. Zirconium sand can also be used as lining for electrothermal and cast-steel furnaces, as well as in producing the outer moulds for precision casts. As the finished moulds of zirconium sand are not moistened with liquid metal the casts are without fire loss. The good heat conductivity of the moulds promotes a quick cooling and hardening of the casts. Thanks to the high melting temperature of zirconium, the melting-off of the surfaces of moulds and cores, the strength of which in dry state is extremely high ( $70\text{--}80 \text{ kg/cm}^2$ ), is completely excluded. Zirconium concentrations are used for the production of special steel, vitreous enamel and of refractories.

1. Foundries--USSR    2. Zirconium--Applications    4. Zirconium  
--Properties

Card 2/2

SOV/29-56-12-3/23

15(6)  
AUTHOR:

Sokolovskiy, L., Engineer

TITLE:

Dies of Resin (Shtampy iz smoly)

PERIODICAL:

Tekhnika molodezhi, 1958, Nr 12, pp 5-5 (USSR)

SUBJECT:

In this short article, the author reports on the use of **epoxy** resins for the manufacture of **dies**. Hard **epoxy** resins have great mechanical stability and are corrosion-resistant. Mixed with hardening substances they may be stored without limit. As fillers for **epoxy** resins the most various substances are suitable: organic, inorganic, fibrous, and pulverous ones. **Dies for cold pressing** are made of **epoxy** resins. As compared with metal **dies** they show numerous advantages. The complicated, shaping components are cast, thus avoiding a lengthy treatment at the workbench and much reducing the time for their manufacture. Further merits are low specific weight, poor shrinkage, and good castability. Possibilities of application for **epoxy** resins (**Ed - 5"** and **"Ed - 6"**) are examined by Gosudarstvennyy nauchno-issledovatel'skiy institut promyshlennosti plastmass (State Scientific Research Institute for Synthetics Industry) in com-

and 1/2

punches of resin

SOV/29-58-12-3/35

mon with NIIT-Avtoprom. The Moskovskiy zavod malolitrazhnykh avtomobiley (Moscow Works for Small Cars) is actually producing **dies** of synthetics made on the basis of **epoxy** resins. These **dies** have proved their efficiency in work. Cracks or bulges arising during work can be removed very easily. They are smeared out with a paste equally made on the basis of epoxide resins. Then the **dies** may be used again. There are 3 figures.

Card 2/2

SOKOLOVSKIY, L.O., inzh.

Casting thin-walled parts according to patterns made of frozen  
mercury. Sudostroenie 24 no.2:71 F '58. (MIRA 11:3)  
(Precision casting)

SOKOLOVSKIY, L., inzh.

Colors detect defects. Tekh.mol. 26 no.2:16 '58. (MIRA 11:2)  
(Colorimetry)

18(0)

SOV/128-59-9-9/25

AUTHOR:

Sokolovskiy L.S. and Fradin L.R., Engineers

TITLE:

The Problem of Producing Carbon Dioxide for the Foun-  
dries

PERIODICAL:

Liteynoye proizvodstvo, 1959, Nr 9, pp 29-32 (USSR)

ABSTRACT:

The installations for production of carbon dioxide can be, according to raw-materials used, divided into 6 groups. Group 1: Utilization of outlet gases that are formed at fermentation of spirit and beer, breaking up of fats, etc.; CO<sub>2</sub> contents - 100% (Fig 1). Group 2: Utilization of outlet gases formed at different chemical processes, such as ammonia synthesis, crude-oil working, etc.; CO<sub>2</sub> contents - 80% to 90% (Figure 2). Group 3: Installations extracting the carbon dioxide from gases formed at burning of different fuels, such as are, for instance, developed at preparing of burned lime; CO<sub>2</sub> contents - 15% to 20% (Fig 3). Such installations are comparatively widely used in the USSR. Group 4: Installations utilizing the natural sources of carbon dioxide, (mine-  
ral springs, gas emanating fissures, etc.). Group 5: Installations which use carbon dioxide originating

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The Problem of Producing Carbon Dioxide for the Foundries

by burning of coke in oxygen atmosphere. (Installations of Uralkhimmash and Giprotyazhmash). (Figure 4 and 5). Group 6: Installations using carbon dioxide obtained by working of chalk by sulfuric acid. (Installation at the Slavyanskiy Plant). (Figure 6). The People's Economy Plan provides for the building of installations belonging to groups 1 and 2. The author of this article recommends, however, groups 3, 5 and 6 to be used in foundry industry. He makes, at that, the reservation that the carbon dioxide received in installations belonging to group 5 can be hardly used for food industry, as it may contain carbon monoxide. The NIIKHM-MASH has worked out a universal design for producing carbon dioxide. The winning of CO<sub>2</sub> in this installation can be carried out in three different ways: from outlet gases generated by furnaces operating at plants; by burning of fuels in fire-chambers of steam boilers; and by burning of fuels in special gasgenerators in oxygen atmosphere. There are 2 tables and 6 diagrams.

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SOKOLOVSKIY, L.O., inzh.

Using calcium carbide in cupola-furnace charges. Mashinostroitel'  
no.3:42 Mr '60. (MIRA 13:6)  
(Cupola furnaces)

S/117/60/000/007/009/010  
A002/A001

AUTHOR: Sokolovskiy, L. O.

TITLE: Producing Foundry Molds by the Method of High-Pressure Forming

PERIODICAL: Mashinostroitel', 1960, No. 7, pp. 36-37

TEXT: The author reports on some of the work performed in the USSR for developing the production of foundry molds by high-pressure forming. TsNIITMASH built the "Og-1" (OF-1) pneumatic molding machine with a rubber diaphragm for producing large shell molds. Presently, the operating conditions are being set up for this machine. - At the Leningrad "Kirov" Plant, foundry molds for casting steel and cast iron parts are produced on hydraulic presses of 50, 400 and 2,000 tons. - At the Kremenchugskiy zavod dorozhnykh mashin (Kremenchug Plant of Road Machinery), foundry molds for casting steel and cast iron parts are produced on an experimental pneumatic lever press, developing a force of up to 40 tons. The entire forming cycle is carried out within 1 - 3 minutes for parts of 150 - 300 mm diameter and a weight of up to 10 kg. This time can be considerably reduced by a more perfect design of the mold press and by mechanizing all auxiliary operations. More than 100 different items, or about 30% of

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S/117/60/000/007/009/010  
A001/A001

Producing Foundry Molds by the Method of High-Pressure Forming

the total production of castings, are manufactured according to this method. - Experiments to obtain precision castings in pressed molds were made at NIIAvto-  
prom in cooperation with workers from MAMI. The experiments showed that the requirements for the molding material in precision casting are met by a mixture of 100% sand "K100/50", 2% bitumen "6H" or "6H-3" (BN-3), 4% bentonite, 2% water (of the weight of sand). - The method of pressing foundry molds can be used especially in the automobile industry, since the height of the majority of automobile castings does not exceed 200 mm.

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SOKOLOVSKIY, L. O.

Eliminating skull in furnaces in founding aluminum. Mashinostrcitel'  
no.11:45 N '60. (MIRA 13:10)

(Aluminum founding)

SOKOLOVSKIY, L.O.

Metal coating of wooden models. Mashinostroitel' no.12:16 D '60.  
Mashinostroitel' no.12:16 D '60. (MIRA 13:12)  
(Metal spraying)

DODIN, Yakov L'vovich; MARIENBAKH, Lev Mikhaylovich, prof.;  
SOKOLOVSKIY, Lev Osipovich; KLIMOVICH, Yu.G., red.;  
PEREDERIY, S.P., tekhn. red.

[New developments in foundry techniques] Novoe v tekhnike li-  
teinogo proizvodstva. Pod red. L.M.Marienbaka. Moskva, Vses.  
uchebno-pedagog. izd-vo Proftekhizdat, 1961. 231 p.

(MIRA 15:2)

(Founding)

S/117/61/000/003/006/011  
AC04/A101

AUTHOR: Sokolovskiy, L. O.

TITLE: The application of zirconium sands and their mixtures in foundry practice.

PERIODICAL: Mashinostroitel', no. 3, 1961, 18

TEXT: The author points out that, in their endeavor to improve the technological foundry processes, the Soviet and foreign industries are looking for anti-scab media. In this connection the application of zirconium sands and their mixtures is being investigated. The author states that considerable deposits of zirconium ore and concentrates are located in the southern parts of the Soviet Union and in the Ural. Zirconium concentrates contain not less than 90% pure mineral and not less than 66% zirconium dioxide. The melting point of pure zirconium dioxide is 2.700°C, the specific gravity is 5.74. Zircon possesses a low coefficient of thermal expansion and a high abrasion resistance. High-quality zircon is used for the production of molds and cores which have to resist to the chemical and thermal effects of the molten metal. Cores made of zirconium sands with oil binders do not require painting, have a clean surface and are easily shaken out from the casting. Owing to the high melting point, fusion of the mold

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S/117/61/000/003/006/011  
A004/A101

The application of zirconium sands ...

and core surfaces is excluded. The heat conductivity of zirconium sands, which is double the value of quartz sands, contributes to a rapid solidification of castings and makes it possible to use them as special cooling mixtures in molding. NIIITM ASh has carried out extensive investigations of Soviet zirconium concentrates, and tested the optimum compositions of anti-scab zirconium coats for castings of different weights (from 0.8 to 22 tons) from carbon, alloyed and high-alloyed steels. The otdel formovochnikh materialov i tekhnologii form Instituta liteynogo proizvodstva AN UkrSSR (Department of Molding Materials and Technology of Molds of the Institute of Foundry Practice As UkrSSR) in cooperation with the "Leninskaya kuznitsa" Plant has developed and introduced zirconium sands, paints and parting compounds for the casting of gears with cast teeth up to 2 tons, various plates, drums, pump housings etc. The application of these sands, paints and parting compounds at the Kiev "Leninskaya kuznitsa" and "Bol'shevik" Plants made it possible to halve the cycle of cleaning operations, to cut the labor consumption of trimming and cleaning work by more than 50%, to improve the surface quality of castings and the working conditions of the cleaners. The concentrating industry produces, besides zirconium concentrates, also deferrized zircon, a purified powder of 98% zircon, containing up to 0.15% ferric oxide, which is intended for the fabrication of zirconium paste, paints and parting compounds for the founding industry.

Card 2/2

SOKOLOVSKIY, L.O.

Removal of scale from the lining of furnaces for melting  
aluminum. Lit. proizv. no. 5:41 My '61. (MIRA 14:5)  
(Aluminum founding)

SOKOLOVSKIY, L.O.

Exothermic heating of risers. Mashinostroitel' no.12:31 D  
'61. (MIRA 14:12)  
(Founding)

SOKOLOVSKIY, Lev Osipovich; GAL'PERIN, N.B., nauchnyy red.; SACHIKOV,  
M.I., red.; PEREDERIY, S.P., tekhn. red.

[Progressive methods of intricate shape aluminum alloy casting]  
Progressivnye metody fasonnogo lit'ia iz aluminievkh  
splavov. Moskva, Proftekhizdat, 1962. 94 p. (MIRA 15:7)  
(Aluminum founding)

SAKSONOV, L.G.; DODIN, Ya.L.; SOKOLOVSKIY, L.O.; TORBOCHKIN, L.I.

Exothermic heating of mold risers for steel alloy ingots. Lit.  
proizv. no.9:12 S '62. (MIRA 15:11)  
(Steel ingots) (Risers (Foundry))

DODIN, Yakov L'vovich[deceased]; SAKSONOV, Lev Geselevich; SOKOLOVSKIY,  
Lev Osipovich; TORBOCHKIN, Lev Isaakovich; MITIN, V. I., red.;  
VAYNSHTEYN, Ye.B., tekhn. red.

[Molds for alloyed steel ingots] Izlozhnitsy dlia slitkov legirovannykh stalei. Moskva, Metallurgizdat, 1963. 191 p.  
(MIRA 16:5)

(Ingot molds) (Steel ingots)

SOKOLOVSKIY, L.P., inzhener.

Investigating the aerodynamics of the exhaust nozzles in  
turbines and compressors. Energomashinostroenie no.9:11-12  
S '56. (MLRA 9:10)

(Air-turbines) (Air compressors) (Nozzles--Aerodynamics)

PAGE I DOCUMENTATION SOV/4017

Leningradsky metallo-tselikl'nyy zavod - Otdel tschimbenskoy informatsii  
Institut po elektricheskym protsessam i gornym turbinam 1 ogranichennyj kompen-  
sacij (Investigation of the Companys of Mining and Gas Turbines  
and Axial-Flow Compresors) Moscow, Kurskij, 1966. 480 p. (Series:  
It's: Shorik, No. 6) English translation. 3,000 copies printed.

Sponsoring Agency: USSR. Leningradsky ekonomicheskiy administra-  
tivnyj zhurnal. Soviet radioelektronika khosyaystva. Upravleniye Vyschelogo  
maschinostroyeniya.

**PURPOSE:** This collection of articles is intended for engineering  
and technical personnel of turbine-construction plants and  
related organizations and may also be used by engineers and tech-  
nicians at power plants employing steam and gas turbines.

**CONTENTS:** The collection contains 43 reports which present the  
results of scientific and technical work on the operation of turbines and  
gas turbines, their design, construction, operation, and maintenance.  
The collection consists of the following: 1) investigation of the working process  
of turbines and their components; 2) investigation of the operation of turbines and  
gas turbines; 3) design of turbines; 4) investigation of mining and compressor  
components. The following members of the organization, compressor,  
and turbine laboratories took part in the work: D.N. Runtko,  
V.I. Denylenko, N.D. Teplov, and Inovarov N.M. Tsvetkov, and  
V.I. Gribanov. The second part of the collection consists of 16  
reports which illustrate the part of the work of the Laboratory  
(Central Laboratory of the Design Office for Steam and Gas Tur-  
bines of the Leningrad Metal Plant) concerned with the study  
of vibrations of turbines and their components, particularly  
the blades. The following members of the vibration laboratory  
participated in this work: Engineers I.D. Novikov, G.I. Izulin,  
and V.I. Melent'yev, technicians and workers A.N. Krushenikov,  
V.I. Zhdan, Yu.G. Tsvetkov, and Yu.P. Kuznetsov. The third part  
is concerned with the calculation and experimental study of the  
strength of turbines. In the deformation of turbine components. This  
work was performed by the head of this laboratory M.M. Koren',  
his assistants, and other members of his laboratory. Technicians and workers  
S.P. Semenov, S.A. Slobodchikov, and others. The last part contains arti-  
cles dealing with the design of turbines, their parts, rotating parts,  
and of turbine components. There are also articles presenting personal  
articles mentioned above. The members of the staff of the laboratory  
N.N. Polozov and G.A. Savchenko, the leading inventors Yu.V. Karpovskiy,  
Yu.V. Karpovskiy, and V.I. Gribanov. References are to  
be found at the end of the 43 articles.

Investigation of the Components (cont.) SOV/4017

Dzhembekov, V.P. Engineer. Calculation of the Plow About Pro-  
file Curves at High Subsonic Speeds 91

Tol'shon, I.M. Engineer. Approximate Estimation of the Effect  
of the Deviation of the Flow Along the Blades on the Losses in Straight Profiles 101

Izmailov, Zafar' R. Engineer. Testing 107

Izmailov, Zafar' R. Engineer. Investigation and Development of  
Axial-Flow Compresors 117

Mashchenko, V.P. Engineer. Testing of Exhaust Nozzles of  
Axial-Flow Compresors 117

Sokolovskiy, L.P. Engineer. Experimental Steam Turbine 150

SOKLOVSKY, M. A.

USSR/Chemistry - Viscose  
Viscose

Mar 1947

"Softening of Viscose (Cellophene) Films with Glycerine Water Solutions,"  
S. N. Denilev, M. A. Sokolovsky, A. I. Evdokimova, 15 pp

"Zhur Obsnch Khim" Vol XVII, No 3

It was found that the degree of swelling of the films in water solutions was considerably higher than in water alone, and that the constituents of the softening bath were absorbed by the films in proportions differing from those in which they are present in the bath.

PA 15T78

SOKOLOVSKIY, M.A.

C.A.

Mixed cellulose ethers. I. Reaction mechanism for the acetylation of nitrocellulose with acetic acid and the production of nitroacetylcellulose. S. N. Danilov, M. A. Sokolovskii, and A. I. Evdokimova. *Zhur. Obschchei Khim.* (J. Gen. Chem.) 17, 1888-93 (1947).—Nitrocellulose was treated with 5 parts glacial AcOH and 0.15 part H<sub>2</sub>SO<sub>4</sub>; during 120 hrs. at 20° the N content fell from 11.62 to 8.63%, while the Ac content rose to 7.94%. During 96 hrs. at 30° the N content fell from 11.62 to 1.92%, while the Ac content rose to 43.03%. On a molar basis the entering Ac groups just balance the displaced NO<sub>2</sub> groups. The solubilities of intermediate nitroacetylcelluloses in various org. solvents is given qualitatively. I. P. Danchev

SOKOLOVSKIY, M.A.; ZAVLIN, I.M.

Reactions of phosphorus acid chloroanhydrides with bifunctional organic compounds. Part 1: Reaction of phosphorus acid chloroanhydrides with aliphatic hydroxyamines. Zhur. ob. khim. 30 no.11:3562-3565 N'60. (MIRA 13:11)  
(Amines) (Phosphorus acids)

S/080/60/033/008/013/013  
A003/A001

AUTHORS: Shpital'nyy, A.S., Kharit, Ya.A., Sokolovskiy, M.A.

TITLE: The Production of Modified Polymers on the Base of Using Polyamide Wastes

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol. 33, No. 8, pp. 1907-1908

TEXT: A method was developed for producing modified polyamides from wastes based on the interaction of polyamides with those monomers, the structure of which made it possible to obtain copolymers. A mixture of the polyamide and the monomer was heated for 3 hours at 260-270°C in the autoclave in an inert medium. Poly-caprolactam crumbs, polyamide wastes and polyamide articles cut of use and AΓ(AG) and CΓ(SG) salts are the initial materials. After 3-hour heating the reaction mass is heated for 1 hour in the vacuum or at atmospheric pressure, but with a continuous supply of nitrogen into the reaction vessel. In all cases copolymers were obtained, the viscosity of which and their solubility in an alcohol-water solution did not differ from copolymers obtained from the corresponding monomers. The copolymers obtained dissolve in a hot alcohol solution. There is 1 table and 11 references: 8 Soviet, 1 English, 1 American and 1 Japanese.

SUBMITTED: January 22, 1960

Card 1/1

122670306  
122670306

S 3630

AUTHORS:

Sokolovskiy, M. A., Zavlin, P. M., Gefter, Ye. L.  
and Moshkin, P. A.

TITLE:

Full esters of vinylphosphinic acid with different  
functional groups

PERIODICAL:

Zhurnal obshchey khimii, v. 31, no. 11, 1961, 3652-3654

TEXT: The authors studied the reaction of di( $\beta$ -chloroethyl) vinylphosphinate (I) with ethanolamine and  $\omega$ -aminoenanthic acid and prepared two previously unsuspected compounds: bis(N- $\beta$ -oxyethyl- $\beta$ -aminoethyl) vinylphosphinate  $\rightarrow$   $\text{CH}_2\overset{0}{\text{CHP}}(\text{OCH}_2\text{CH}_2\text{NHCH}_2\text{CH}_2\text{OH})_2$  (II), and bis(N- $\omega$ -carboxyl-hexyl- $\beta$ -aminoethyl) vinylphosphinate  $\rightarrow$   $\text{CH}_2\overset{0}{\text{CHP}}(\text{OCH}_2\text{CH}_2\text{NH}(\text{CH}_2)_6\text{COOH})_2$  (III). The full esters are of interest since they contain functional groups capable of condensation processes.

Card 1/2

S/080/63/036/002/019/019  
D204/D307

AUTHORS: Kharit, Ya. A., Shpital'nyy, A. S. and Sokolovskiy,  
M. A.

TITLE: Preparation of copolymers based on caprone and AH  
salt

PERIODICAL: Zhurnal prikladnoy khimii, v.36, no. 2, 1963, 467-468

TEXT: Continuation of earlier work (ZhPKh, 33, 1907 (1960)) which was concerned with modifying polycaprolactam by interactions with monomers of structure capable of yielding copolymers. The reaction mass was heated at 260 - 270°C, for 3 hours, under a negligible pressure, followed by 1 hour at reduced pressure; this yielded highly viscous copolymers which gave good films from alcohol. In the present study, the effect of deviations from these conditions on copolymer properties were investigated. Polycondensations of caprone or caprolactam with AH salt over 1 to 24 hours, at 265 + 3°C, with and without subsequent 1 hour heating at the same temperature at 5 mm Hg, showed that: (1) duration of the re-

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S/080/63/036/002/019/019  
D204/D307

Preparation of copolymers ...

action had practically no effect on the specific viscosity  $\eta$ , whilst (2) the supplementary 1 hour heating at 5 mm Hg made the viscosity a function of previous duration of polycondensation -  $\eta$  decreased with longer reaction times. Copolymers soluble in alcohols could be prepared by carrying out the reactions at 265 + 3°C, for 3 hours, without solvent, in an inert medium, with subsequent heating for 1 hour at 5 mm Hg. The results are discussed. There is 1 figure.

SUBMITTED: June 10, 1961

Card 2/2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652120015-8

DAVLIN, P.M.; SOKOLOVSKIY, M.A.; TENISHINA, R.S.

Interaction of natural rubber with diaryl phosphines. Zhur.  
prikl. khim. 37 no. 4:928-929 Ap '64. (MIRA 17:5)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652120015-8"

L 22660-65 EPF(c)/EWP(j)/EWT(m)/T PC-4/PI-4 RM/MLK  
ACCESSION NR: AT6002113 S/0000/64/000/000/0075/0079

AUTHOR: Sokolovskiy, M. A.; Zavlin, P. M.; Medenikova, N. Ye.; Bogolyubov, G. M.;  
Gefter, Ye. L.; Moshkin, P. A.

TITLE: Phosphorus-containing monomers with different functional groups

SOURCE: AN SSSR. Institut neftekhimicheskogo sinteza. Sintez i svoystva monomerov  
(The synthesis and properties of monomers). Moscow, Izd-vo Nauka, 1964, 75-79

TOPIC TAGS: organophosphorus compound, polycondensation, vinylphosphinic acid,  
polyester, polyamide

ABSTRACT: The purpose of this investigation was the preparation of phosphorus-containing monomers with functional groups capable of combining the reactions of polycondensation and polymerization. The investigation dealt with certain derivatives of vinylphosphinic acid, which, because of their availability, could become of practical interest. From the point of view of the synthesis of phosphorus-containing polymeric compounds (polyesters, compounds of the polyamide type), new phosphorus-containing analogs of terephthalic acid with a P-C bond were synthesized. By reacting the di-(*p*-chloroethyl) ester of vinylphosphinic acid with amino-alcohols and amino-carboxylic acids, new phosphorus-containing monomers were obtained which contain different functional groups. These functional groups

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L 22660-65  
ACCESSION NR: AT5002113

were secondary amine, hydroxyl, and carboxyl groups, which are capable of condensation, as well as the vinyl group which facilitates polymerization. Orig. art. has: 10 formulas.

ASSOCIATION: None

SUBMITTED: 30Jul64

ENCL: 00

SUB CODE: OC, GC

NO REF SOV: 007

OTHER: 000

Card 2/2

L 23044-65 EPF(c)/EMP(j)/EWT(m) PC-4/Pr-4 EK

ACCESSION NR: A4032509

S/0080/64/037/001/0928/0929

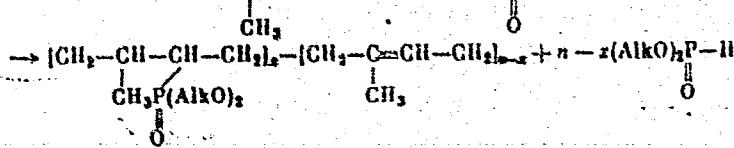
AUTHOR: Zavlin, P. M.; Sokolovskiy, M. A.; Tenisheva, R. S.

TITLE: Reaction of natural rubber with diakylphosphites B

SOURCE: Zhurnal prikladnoy khimii, v. 37, no. 4, 1964, 928-929

TOPIC TAGS: natural rubber, phosphorylation, natural rubber dialkyl phosphite reaction, phosphorus containing natural rubber, combustibility, vulcanization, selfquenching rubber, selfextinguishing rubber

ABSTRACT: The possibility of phosphorylating high molecular compounds, specifically natural rubber, to form self-quenching phosphorus-containing polymers was investigated. The addition of dialkyl phosphites to natural rubber according to the following equation:

$$[\text{CH}_2-\overset{\text{CH}_3}{\underset{\text{O}}{\text{C}}}=\text{CH}-\text{CH}_2]_n + n(\text{AlkO})_2\text{P} \rightarrow$$


Card 1/2

L 23944-65  
ACCESSION NR: AP4032509

2

was effected to the extent of 60% of all the double bonds of the rubber. Products containing 9% (in the case of diethyl phosphite) and 10% (with dimethyl phosphite) phosphorus were made. Reactions were run for 18-24 hours with 5% solutions of rubber in benzene, using double the stoichiometric amount of dialkyl phosphite and adding, every 6 hr, 2% (based on the weight of rubber) of benzoyl peroxide. The phosphorus-containing rubber exhibits self-extinguishing properties<sup>15</sup> but retains its capacity for vulcanization. Vulcanizates of P-containing rubber<sup>16</sup> have a lower combustibility than those of natural rubber. However their physicochemical properties are inferior to those of natural rubber vulcanizates.

ASSOCIATION: none

SUBMITTED 09Jan63

ENCL: 00

SUB CODE: MT

NO REF SOV: 014

OTHER: 000

Card 2/2

L 30967-66 EWP(j)/EWT(m) RM/WW  
ACC NR: AP6000979 (A)

SOURCE CODE: UR/0286/65/000/022/0058/0058

43

B

1

↓

AUTHORS: Zavlin, P. M.; Sokolovskiy, M. A.; Yurenko, I. V.

ORG: none

TITLE: A method for obtaining esters of polyphosphonitrile, Class 39, No. 176402

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 58

TOPIC TAGS: polymer, polymerization, catalytic polymerization, titanium compound, catalyst, chlorine compound, titanium compound

ABSTRACT: This Author Certificate presents a method for obtaining esters of polyphosphonitrile on the basis of oligomers of phosphonitrile chloride. To increase the variety of this type of polymers, the oligomers of phosphonitrile chloride are reacted with epichlorohydrin in the presence of a titanium tetrachloride catalyst.

SUB CODE: 11/ SUBM DATE: 13Apr63  
07/

UDC: 678.85

Card 1/1 (C)

APPROVED FOR RELEASE: 08/25/2000 JDC: 517.26.118.07 CIA-RDP86-00513R001652120015-8

Card 1/1 ULR

L 22191-66	EWP(j)/EWT(m)/ETC(m)-6/T	RM/WW
ACC NR:	AP6012109	SOURCE CODE: UR/0413/66/000/007/0015/0015
INVENTOR: Sokolovskiy, M. A.; Ayrapetyan, S. G.; Lagunova, V. N.		
ORG: none		
TITLE: Preparative method for a phosphorus-containing polyester. Class 12, No. 180193 ✓		
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 7, 1966, 15		
TOPIC TAGS: polyester, phosphorus containing polyester, fire resistant material		
ABSTRACT: An Author Certificate has been issued for a preparative method for a phosphorus-containing polyester, involving the thermal homopolycondensation of a phenylphosphonic ester, viz., N-phenyl-2-aminoethyl [(2-chloroethyl)phenyl]phosphonate [SM]		
SUB CODE: 11/ SUBM DATE: 19Jun64/ ATD PRESS: 4/224		
Card 1/1 nst		UDC: 547.26'118.07.678.699:678.85

SPITSKIY, V.N.; SOKOLOVSKIY, M.B.

"Semicordon stacking" method used in storing hides and skins.  
Obm.tekh.opyt. [MLP] no.27:3-5 '56. (MIRA 11:11)  
(Hides and skins)

SPITSKIY, V.N.; SOKOLOVSKIY, M.B.

Checking the presence of soda ash in wet salted skins. Obm.tekh.  
opyt. [MLP] no.27:5-6 '56. (MIRA 11:11)  
(Hides and skins--Testing)

SOKOLOVSKIY, M.B.; NIKIFOROV, G.I.

Urgent problems in connection with the improvement of the quality of  
raw leather. Kozh.-obuv.prom. 3 no.1:3-6 Ja '61. (MIRA 14:5)  
(Leather)

SOKOLOVSKIY, M.B.; NIKIFOROV, G.I.

Improve the primary processing of raw leather. Kozh.-obuv.prom.  
3 no.9:11-14 S '61. (MIRA 14:11)  
(Leather industry)

SOKOLOVSKIY, M.B.; KOZLOVA, M.N.

Provide a solid source of raw materials for the leather industry.  
Kozh.-obuv.prom. 4 no.4:1-3 Ap '62. (MIRA 15:5)  
(Leather industry)

SOKOLOVSKIY, N. M.

"Ural Lignite Deposits Worked by Open-Pit Method", Ugol', No. 12, 1950;

SO: W-17658, 3 Apr 1951

- L. SOKOLOVSKIY, M.M.
- 2. USSR (600)
- 4. Strip Mining - Cheremkhovo Basin
- 7. Open pit mining of active mine fields at the Cheremkhovo coal deposits. Ugol' 27 no. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

SOKOLOVSKIY, M., ARIAZAROV, M.

Under the open sky. Znan.sila no.3:12-15 Mr '55. (MIRA 8:4)  
(Coal mines and mining)

SOKOLOVSKIY, M.M., gornyy inzhener.

Developing open-pit coal mining. Ugol' 30 no.3:1-5 Mr'55.  
(Coal mines and mining)

(MLRA 8:5)

SOKOLOVSKIY, M.M., gornyy inzhener.

Work experience of progressive coal pits. Mekh.trud.rab. 9  
no.1:20-24 Ja'55. (MLRA 8:3)  
(Coal mining machinery)

SOKOLOVSKIY, M.-M.

✓ 3798. EXTEND THE USE OF HYDROMECHANIZATION IN OPENCAST COAL MINES.  
Sokolovskii, M.M. and Nikonov, G.P. (Mekhan. Trud. tyazhel. Robot (Mech. CP  
arduous Wk, Moscow), 1955, (7), 25-29; abstr. In Ugol (Coal, Moscow), Dec.  
1955, 44). An account of experience in the Far Eastern province in the use of  
monitors and in the removal of spoil with suction dredgers. (1)

DIDKOVSKIY, Dmitriy Zakharovich, inzhener; NIKONOV, German Pavlovich,  
Inzhener; STAKHEVICH, Yekaterina Borisovna, inzhener; SOKOLOVSKIY,  
Mikhail Mironovich, inzhener; TRAKHMAN, Aleksandr Ivanovich, inzhe-  
ner; NAZAROV, P.P., otvetstvennyy redaktor; OKHRIMENKO, V.A., redak-  
tor izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

[A manual for coal mine foremen] Spravochnik gornogo mastera ugol'-  
nykh kar'erov. Izd. 2-e, ispr. i perer. Moskva, Ugletekhizdat, 1956.  
372 p.

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SOKOLOVSKIY, M.M.

Some new trends in the development of strip mining of lignite in  
the German Democratic Republic. Ugol' 31 no.6:42-44 Je '56.  
(MLRA 9:8)

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RZHEVSKIY, V.V., doktor tekhnicheskikh nauk.;SOKOLOVSKIY, M.M.;SKVORCHEVSKIY, N.D.;  
GORODETSKIY, D.Ye.;SUSHCHENKO, A.A.

"Handbook for engineers and technicians on strip mining". Gor zhur.  
no.3:80 Mr '57.  
(MLRA 10:4)

1. Glavnyy inzhener upravleniya otkrytykh rabot Ministerstva  
ugol'noy promyshlennosti SSSR (for Sokolovskiy). 2. Glavnyy in-  
zhener Kounradskogo rudnika (for Skvorchevskiy). 3. Glavnyy inzhener  
kombinata Sverdlovskugol' (for Gorodetskiy). 4. Glavnyy inzhener  
projektov TSentregiproschakhta (for Sushchenko),  
(Strip mining)

SOKOLOVSKIY, Mikhail Mironovich; DEMIN, Aleksandr Maksimovich; SIMKIN, B.A.,  
otvetstvennyy red.; OKHRIMENKO, V.A., red. izd-va; ALDANOVA, Ye.I.;  
tekhn. red.

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(MIRA 11:7)  
1958. 107 p.  
(Strip mining)

POTAPOV, Mikhail Gennadiyovich; RZHEVSKIY, V.V., doktor.tekhn.nauk, otd.red.;  
SOKOLOVSKIY, M.M., inzh., red.; KOLOMIYTSEV, A.D., red.izd-va;  
BERESLAVSKAYA, L.SH., tekhn.red.; ALADOVA, Ye.I., tekhn.red.

[Open-cut mine transportation] Kar'ernyi transport. Ugletekhizdat,  
1958. 297 p.  
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ATAULIN, V.V.; VLASOVA, R.M.; DAVYDOVA, Ye.A.; DANILENKO, I.S.; DZIOV, V.A.; DUBROVIN, A.P.; YEFANOVA, L.V.; KARPEMKO, L.V.; KLEPIKOV, L.N.; KOTRELEV, S.V.; LUK'YANOV, N.I.; MEL'NIKOV, N.V., prof., obshchiy red.; MKRTYCHAN, A.A.; NEHTINOV, A.M.; POGOSYANTS, V.K.; SEMIZ, M.D.; SKOBLO, G.I.; SLOBODCHIKOV, P.I.; SMIRNOV, V.M.; SUSHCHENKO, A.A.; SOKOLOVSKIY, M.M.; TRET'YAKOV, K.M.; FISH, Ye.A.; TSOY, A.G.; TSYPKIN, V.S.; CHEKHOVSKOY, P.A.; CHIZHIKOV, V.I.; ZHUKOV, V.V., red.izd-va; KOROVENKOVA, Z.L., tekhn.red.; PROZOROVSKAYA, V.L., tekhn.red.

[Prospects for the open-pit mining of coal in the U.S.S.R.; studies and analysis of mining and geological conditions and technical and economic indices for open-pit mining of coal deposits] Perspektivy otkrytoi dobychi uglia v SSSR; issledovanie i analiz gornogeologicheskikh usloviy i tekhniko-ekonomiceskikh pokazatelei otkrytoi razrabotki ugol'nykh mestorozhdenii. Pod obshchey red. N.V. Mel'nikova. Moskva, Ugletekhnizdat, 1958. 553 p. (MIRA 11:12)

1. Vsesoyuznyy tsentral'nyy gosudarstvennyy proyektnyy institut "Tsentrugiproshakht." 2. Chlen-korrespondent AN SSSR (for Mel'nikov).

(Coal mines and mining)

MEL'NIKOV, N.V.; VINITSKIY, K.Ye., kand.tekhn.nauk; POTAPOV, M.G.,  
kand.tekhn.nauk; USKOV, A.A., red.; POKROVSKIY, M.A., red.;  
RZHEVSKIY, V.V., red.; SOKOLOVSKIY, M.M., red.; DAVIDENKO,  
Yu.K., red.; YASTREBOV, A.I., red.; KAUFMAN, A.M., red.izd-va;  
LOMILINA, L.N., tekhn.red.

[Prospects for the use of rotating excavators in U.S.S.R.  
open-pit mines] Perspektivy primeneniia rotornykh ekskavatorov  
na otkrytykh razrabotkakh SSSR. Pod red. N.V.Mel'nikova.  
Moskva, Ugletekhnizdat, 1959. 175 p. (MIRA 12:12)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy nauchno-tekhnicheskiy komitet.  
(Excavating machinery) (Strip mining)

SOKOLOVSKIY, M.M., inzh.; SUSHCHENKO, A.A., inzh.; DAVYDOVA, Ye.A., inzh.

"Potentialities of mining machinery and the economic efficiency of systems without transportation in Kuznetsk Basin open-pit mining of steeply dipping coal seams" by V. V. Ingovskoi. Reviewed by M. M. Sokolovskii, A.A. Sushchenko, E. A. Davydova. Ugol' 34 no.11: 54-55 N '59  
(Kuznetsk Basin--Strip mining) (Excavating machinery)  
(Ingovskoi, V.V.)  
(MIRA 13:3)

ZAYTSEV, A.P., red.; BORZOV, K.V., red.; BOGUSLAVSKIY, Yu.K., red.;  
BELOUSOV, V.G., red.; VODAKHOV, L.A., red.; IZRAITEL', S.A., red.;  
KOL', A.N., red.; LISYUK, S.S., red.; MOISEYEV, S.L., red.;  
MEL'NIKOV, N.V., red.; MOROZOV, V.P., red.; MUDROV, P.A., red.;  
POLYAKOVA, Z.K., red.; PODERNI, Yu.S., red.; POLESIN, Ya.L., red.;  
POKROVSKIY, L.A., red.; SIATSTUNOV, V.G., red.; SKURAT, V.K., red.;  
STRUNIN, M.A., red.; SOKOLOVSKIY, M.M., red.; FEOKTISTOV, A.T.,  
red.; CHESNOKOV, M.M., red.; SHUKHOV, A.N., red.; YAMSHCHIKOV,  
S.M., red.; BYKHOVSKAYA, S.N., red.izd-va; BERESLAVSKAYA, L.Sh.,  
tekhn.red.

[Unified safety regulations in open-cut mining] Edinyye pravila  
bezopasnosti pri razrabotke mestorozhdenii poleznykh iskopaemykh  
otkrytym sposobom. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po  
gornomu delu, 1960. 61 p. (MIRA 13:7)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyi komitet po nadzoru  
za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru.  
(Strip mining--Safety measures)

S. K. L. o v s k y , M. M.

ALATORTSEV, S.A., prof., doktor tekhn.nauk; ANDREYEV, A.V., kand.tekhn.nauk; ANCHAROV, I.L., inzh.; BALINSKIY, S.I., inzh.; BELOUSOV, V.G., inzh.; VIENITSKIY, K.Ye., kand.tekhn.nauk; VLASOV, V.M., inzh.; VORONTSOV, N.P., kand.tekhn.nauk; GIPSMAN, M.K., inzh.; GLUZMAN, I.S., kand.tekhn.nauk; GUR'YEV, S.V., kand.tekhn.nauk [deceased]; DEMIN, A.M., kand.tekhn.nauk; YEGURNOV, G.P., kand.tekhn.nauk; YEFIMOV, I.P., inzh.; ZHUKOV, L.I., kand.tekhn.nauk; ZEL'TSER, N.M., inzh.; KOSACHEV, M.N., kand.tekhn.nauk; KOTOV, A.F., inzh.; KUDINOV, G.P., inzh.; LAPOVENKO, N.A., kand.tekhn.nauk; MAZUROK, S.F., inzh.; MEL'NIKOV, N.V.; MUDRIK, N.G., inzh.; NIKONOV, G.P., kand.tekhn.nauk; ORLOV, Ye.I., inzh.; POTAPOV, M.G., kand.tekhn.nauk; PRISEDSKIY, G.V., inzh.; RZHEVSKIY, V.V., prof., doktor tekhn.nauk; RYAKHIN, V.I., kand.tekhn.nauk; SIMKIN, B.A., kand.tekhn.nauk; SITNIKOV, I.Ye., inzh.; SOROKIN, V.I., inzh.; STASYUK, V.N., kand.tekhn.nauk; STAKHEVICH, Ye.B., inzh.; SUSHCHENKO, A.A., inzh.; TYUTIN, I.F., inzh.; TYMOVSKIY, L.G., inzh.; FISENKO, G.L., kand.tekhn.nauk; FURMANOV, B.M., inzh.; SHATAYEV, M.G., inzh.; SHESHKO, Ye.F., prof., doktor tekhn.nauk; TERPIGOREV, A.M., glavnnyy red. [deceased];

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 2.  
KIT, I.K., zamestitel' glavnogo red.; SHESJKO, Ye.F., zamestitel'  
otv.red.; BUGOSLAVSKIY, Yu.K., red.; BYKHOVSKAYA, S.N., red.;  
DIONIS'IEV, A.I., kand.tekhn.nauk, red.; KOZIN, Yu.V., red.;  
SOKOLOVSKIY, M.M., red.; YASTREBOV, A.I., red.; DEMIDYUK, G.P.,  
kand.tekhn.nauk, red.; KRIVSKIY, M.N., kand.tekhn.nauk, red.;  
LYUBIMOV, B.N., inzh., red.; MOLOKANOV, P.L., inzh., red.; REISH,  
A.K., inzh., red.; RODIONOV, L.Ye., kand.tekhn.nauk, red.; SLA-  
VUTSKIY, S.O., inzh., red.; TRAKHMAN, A.I., inzh., red.; TRYMOV-  
SKIY, L.G., inzh., red.; FIDELEV, A.S., doktor tekhn.nauk, red.;  
SHUKHOV, A.N., kand.tekhn.nauk, red.; TER-IZRAEL'YAH, T.G., red.  
izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A.,  
tekhn.red.

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 3.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklo-pedicheskii spravochnik. Glav.red.A.M.Terpigorev. Chleny glav. red.A.I.Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.10. [Mining coal deposits by the open-cut method] Razrabotka uzel'nykh mestorozhdenii otkrytym sposobom. Redkollegiya toma; N.V.Mel'nikov i dr. 1960. 625 p.

(MIRA 13:2)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).  
(Coal mines and mining) (Strip mining)

SOKOLOVSKIY, M.M., inzh.

Increase the efficiency of excavators. Ugol' 36 no. 5:45-48 My  
'61. (MIRA 14:5)

1. Gosplan SSSR.  
(Excavating machinery)

DEMIN, Aleksandr Maksimovich; SOKOLOVSKIY, Mikhail Mironovich;  
BYKHOVSKAYA, S.N., red. izd-va; MINSKER, L.I., tekhn. red.

[Development of mineral deposits by strip mining] Razrabotka  
mestorozhdenii poleznykh iskopaemykh otkrytym sposobom. Mo-  
skva, Gosgortekhizdat, 1962. 91 p. (MIRA 15:6)  
(Strip mining)

USKOV, A.A., red.; RZHEVSKIY, V.V., prof., doktor tekhn. nauk,  
red.; SOKOLOVSKIY, M.M., red.; MIKHAYLENKO, I.G., red.;  
BUGOSLAVSKIY, Yu.K., red.; SOBITSKIY, V.V., red.;  
VINITSKIY, K.Ye., red.; STAKHEVICH, Ye.B., red.; KENIS,  
S.I., red.; MERZON, A.S., red.; SITKIKOV, V.P., red.;  
SOPESHKO, N.F., red; BLAYVAS, M.S., red.

[Studies of the All-Union Scientific and Technical Conference on improving the equipment and technology of mining minerals by the open pit method] Materialy Vsesoiuznogo nauchno-tehnicheskogo soveshchaniia po sovershenstvovaniyu tekhniki i tekhnologii razrabotki poleznykh iskopayemykh otkrytym sposobom. Moskva, Nedra, 1965.  
(MIRA 18:6)  
285 p.

1. Vsesoyuznoye nauchno-tehnicheskoye soveshchaniye po sovershenstvovaniyu tekhniki i tekhnologii razrabotki poleznykh iskopayemykh otkrytym sposobom, Cherenkhovo, 1964. 2. Moskovskiy institut radioelektroniki i gornoj elektromekhaniki (for Rzhevskiy). 3. Glavnyy spetsialist Gosudarstvennogo komiteta tyazhelogo, energeticheskogo i transportnogo mashinostroeniya pri Gosplane SSSR (for Bugoslavskiy).

SOKOLOVSKIY, M. N.

27905

Vnutrivennaya Akveterapiya Dlya Lecheniya Rbolej Razlichnogo Proiskhozheniya.- 7  
Org: sokolovskiy M. P. Yubileynyy Sbornik Khirurg. Robot, Posvyay Shch. Prof.  
Shilovtsevu. Kuybyshev, 1949, s. 150-57.

SC: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

DVUZHIL'NAYA, Ye.D., professor; SOKOLOVSKIY, M.P., redaktor; GITSHTEYN,  
A.D., tekhnicheskiy redaktor

[Diseases of the anterior abdominal wall following wounds and  
laparotomy] Zabolevaniia perednei briushnoi stenki posle raneniiia  
i laparotomii. Kiev, Gos.med. izd-vo USSR, 1956. 195 p. (MIRA 9:8)  
(ABDOMEN--DISEASES)

SOV/137-58-10-20695

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 51 (USSR)

AUTHOR: Sokolovskiy, M.P.

TITLE: The Shantung Alumina Plant in the Chinese People's Republic  
(Shan'dun'skiy glinozemnyy zavod v KNR)

PERIODICAL: V sb.: Legkiye metally. Nr 3. Leningrad, 1957, pp 79-89

ABSTRACT: The plant was started up on July 1, 1954, with a capacity of 35,000 t/year  $\text{Al}_2\text{O}_3$  from local bauxites; in 1956 it attained 170% of its planned capacity. In 1956-57 it was rebuilt to attain an output rate of up to 120,000 t  $\text{Al}_2\text{O}_3$ /yr and was converted from dry to wet sintering of the limestone mix. The flowsheet and a detailed description of the equipment and the economic and technical indices of operation are presented. Ye.Z.

1. Aluminum oxide---Production

Card 1/1

LEONT'YEV, Ivan Ivanovich, inzh.; SINITSYN, Konstantin Dmitriyevich, kand.  
tekhn.nauk; SOKOLOVSKIY, M.S., inzh., spetsred.; GRITSAY, N.P.,  
inzh., retsenzent; NOVOSELOVA, L.V., red.; SOKOLOVA, I.A., tekhn.red.

[Manual on leather and fur raw materials, hair, and bristle] Spra-  
vochnik po kozhevennomu i mekhovomu syr'iui, volosu i shchachte.  
Moskva, Fishchepromizdat, 1959. 605 p.  
(Hides and skins) (MIRA 13:3)

Khodatov, Mikhail Sergeyevich [deceased]

[Drawing] Charchenie. Izd.2., ispr. i dop. Moskva,  
Vyschaya shkola, 1963. 106 p. (MIRA 17:6)

MARTSINOVSKIY, V.Ye., dotsent; SAKHAROVA, P.K.; SOLOV'YEV, V.D., professor, zavoduyushchiy; SOKOLOVSKIY, M.S., glavnnyy vrach.

Dysentery control. Pediatriia no.3:26-28 My-Je '53.

(MLR 6:3)

1. Kafedra epidemiologii II Moskovskogo meditsinskogo instituta imeni I.V. Stalina (for Solov'yev). 2. Geroetskaya sanitarno-epidemiologicheskaya stantsiya (for Sokolovskiy).  
(Dysentery)

SOKOLOVSKIY, M.S.

Control of influenza. Sov. zdrav. 14 no.6:16-18 N-D '55. (MLRA 9:2)

1. Glavnnyy vrach sanitarno-epidemiologicheskoy stantsii Moskvy  
(INFLUENZA, prevention and control  
in Russia)

SOKOLOVSKIY, M.S., otvetstvennyy red.; VEBER, L.G., red.; MUROVANNAYA, S.I.,  
red.; KUDRINSKIY, I.N., red.; TRAKHTMAN, N.N., red.; CHERNIKOV, A.P.,  
red.; YEVDOKIMOVA, Z.N., tekhn.red.

[Abstracts of works based on practical experience (1952-1954)]  
Referaty nauchno-prakticheskikh rabot (1952-1954 gg). Pod red.  
M.S.Sokolovskogo i dr. Moskva, Gos.izd-vo med.lit-ry, 1956. 247 p.  
(MIRA 10:12)

1. Moscow. Moskovskaya gorodskaya sanitarno-epidemiologeskaya  
stantsiya.  
(BIBLIOGRAPHY--PUBLIC HEALTH)

SOKOLOVSKIY, M.S., otv.red.; VEBER, L.G., red.; MURVANNAYA, S.I., red.;  
KUDRINSKIY, I.N., red.; TRAKHTMAN, N.N., kand.med.nauk, red.

[Abstracts of articles on research and practice, 1955-1957]  
Referaty nauchno-prakticheskikh rabot, 1955-1957. Pod red.  
M.S.Sokolovskogo i dr. Moskva, 1958. 428 p. (MIRA 13:6)

1. Moscow. Moskovskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya  
g.Moskvy (for Trakhtman).  
(PUBLIC HEALTH)

SOKOLOVSKIY, M.S., glavnyy sanitarnyy vrach Moskvy.

History of the development of the Moscow sanitary and epidemiological organization. Gig. i san. 23 no.11:46-50 N '58 (MIRA 12:8)  
(MOSCOW--PUBLIC HEALTH)

SOKOLOVSKIY, V. S.

"Experience in organizing the work of the sanitary-epidemiological stations in Moscow."

Report submitted at the 13th All-Union Congress of Hygienists,  
Epidemiologists and Infectionists. 1959

SOKOLOVSKIY, M.S.

Improving sanitary conditions in cities. Gor.khoz.Mosk. 34  
no.3:26-28 Mr '60. (MIR 13:8)

1. Glavnnyy vrach Gorodskoy sanitarno-epidemiologicheskoy  
stantii. (MOSCOW--PUBLIC HEALTH)

SOKOLOVSKIY, M.S.; SKIDAL'SKAYA, R.I., sanitarnyy vrach; KHROMCHENKO, M.S.,  
~~sanitarnyy vrach~~

Moscow's reservoirs and their improvement. Gor.khoz.Mosk. 35  
no.7:20-21 Jl '61. (MIRA 14:7)

1. Glavnnyy sanitarnyy vrach Moskvy (for Sokolovskiy).  
(Moscow—Reservoirs)

KHAZANOV, Isak Solomonovich, inzh.; SOKOLOVSKIY, Mikhail Semenovich,  
zasl. vrach RSFSR; BESPROZVANNIYY, Ya.I., inzh., nauchn. red.

[Sanitary control of the ventilation in industrial, public  
and communal buildings] Sanitarnyi nadzor za ventiliatsiei  
v promyshlennykh, obshchestvennykh i kommunal'nykh zdaniiakh.  
Moskva, Meditsina, 1964. 275p. (MIRA 18:1)

SOKOLOVSKIY, M.S.; GABINOVA, Zh.L.; POPOV, B.V.; KACHOR, L.F.;  
GOFMELER, V.A., red.

[Sanitary control of air pollution in Moscow; results of the  
work of the Sanitary Epidemiology Station of Moscow] Sani-  
tarnaia okhrana atmosfernogo vozdukha Moskvy; iz opyta rabo-  
ty Sanitarno-epidemiologicheskoi stantsii goroda Moskvy. Mo-  
skva, Meditsina, 1965. 92 p. (MIRA 18:8)

SOKOLOVSKIY, M. V.

USSR/ Engineering - Industrial processes

Card 1/1 Sub. 103 - 5/19

Authors : Sokolovskiy, M. V.; Gumenyy, V. N.; and Sharkov, V. M.

Title : Thermal treatment of worm threads with high-frequency currents

Periodical : Stan. i instr. 2, 19 - 20, Feb 1955

Abstract : The construction of a special machine for hardening of worm threads with high-frequency current was announced by the "Krasniy Metallist Metallurgical Plant." The technical and mechanical properties of the new machine are described. It was found that the changes in the worm dimension after thermal treatment with high-frequency currents are very insignificant and can be totally disregarded. The thermal treatment cycle of the new machine is 15 - 18 times smaller than otherwise and the mechanical properties of the treated part remain unchanged. Drawings.

Institution: .....

Submitted: .....

KHARAKHASH, Viktor Andreyevich; SOKOLOVSKIY, M.V., inzh., red.;  
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PHASE I EBOOK EXPLOITATION

SOV/5985

Rokotyan, Ye. S., Doctor of Technical Sciences, ed.

Prokatnoye proizvodstvo; spravochnik (Rolling Industry; Handbook) v. 1. Moscow,  
Metallurgizdat, 1962. 743 p. Errata slip inserted. 9250 copies printed.

Authors of this volume: B. S. Azarenko, Candidate of Technical Sciences; V. D.  
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Rolling Industry; Handbook

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Engineer; O. P. Solov'yev, Engineer; M. A. Sidorkovich, Engineer; Ye. M. Trst'yakov, Engineer; I. S. Trishovskiy, Candidate of Technical Sciences; G. N. Khenkin, Engineer; and A. I. Tselikov, Corresponding Member, Academy of Sciences USSR. Introduction: A. I. Tselikov, Corresponding Member, Academy of Sciences USSR; Ye. S. Rokotyan, Doctor of Technical Sciences; and L. S. Al'shovskiy, Candidate of Technical Sciences.

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PURPOSE: This handbook is intended for technical personnel of metallurgical and machine-building plants, scientific research institutes, and planning and design organizations. It may also be useful to students at schools of higher education.

COVERAGE: The fundamentals of plastic deformation of metals are discussed along with the theory of rolling and drawing. Methods of determining the power consumption and the forces in rolling with plane surface or grooved rolls are .

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